



सत्यमेव जयते

# The Gazette of India

PUBLISHED BY AUTHORITY

NEW DELHI, SATURDAY, DECEMBER 28, 1963 (PAUSA 7, 1885)

Separate paging is given to this Part in order that it may be filed as a separate compilation

## PART III—SECTION 2

### Notifications and Notices issued by the Patent Office relating to Patents and Designs

#### THE PATENT OFFICE

#### Patents and Designs

Calcutta, the 28th December 1963

#### SPECIAL NOTICE

It is hereby notified for general information of the public that the holidays specified below will be observed by the Patent Office Calcutta, during the year 1964.

NETAJI'S BIRTHDAY	Thursday	23rd January
REPUBLIC DAY	Sunday & Monday	26th & 27th January
IDUL-FITR	Saturday	15th February
SREE PANCHAMI	Tuesday	18th February
GOOD FRIDAY	Friday	27th March
DOLJATRA	Saturday	28th March
MUHARAM	Saturday	23rd May
INDEPENDENCE DAY	Saturday	15th August
GANDHIJI'S BIRTHDAY	Friday	2nd October
DURGAPUJA	Tuesday to Friday	13th to 16th October
LAKSHMI PUJA	Tuesday	20th October
KALIPUJA	Tuesday	3rd November
CHRISTMAS DAY	Friday	25th December

#### Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

7th December 1963

91191. T. V. M. Swami. A simple gadget which will automatically register the measure of fidelity brought to bear by a watchman in the discharge of his duties.
91192. Dunlop Rubber Company Limited. Segmental conveyor belt. (11th December 1962).
91193. Dunlop Rubber Company Limited. Improvements in or relating to pneumatic tyre building apparatus. (14th December 1962).
91194. Snia Viscosa Societa' Nazionale Industria Applicazioni Viscosa S.p.A. Process for the spinning of the crystalline polymer of vinyl chloride.
91195. Saunders Valve Company. Coating of metallic bodies. (28th December 1962).
91196. The Emerson Electric Manufacturing Company. Axially adjustable drive mechanism.
91197. Bata Shoe Co. Pvt. Ltd., A mould for manufacturing shoe maker's lasts. (1st June 1961). [Divisional date 25th May 1962].
91198. Dynamit Nobel Aktiengesellschaft. Method for the manufacture of monomeric anhydrous lead salts of the acrylic or methacrylic acid.

L/G193GI/63

91199. R. B. Turakhia. Twin extrusion process for celluloid or cellulose acetate sheets and the like in which two extrusion machines are combined by a die assembly.

9th December 1963

91200. Westinghouse Electric Corporation. Improvements in or relating to pressure barrier back-up apparatus.
91201. The English Electric Company Limited. Electric pulse amplifier. (11th December 1962).
91202. Mather & Platt Limited. Improvements relating to apparatus for treating textile material in web form. (12th December 1962).
91203. First Electric Corporation of South Africa Limited. Improvements in synchronous induction motors.
91204. Sperry Rand Corporation. Signal responsive apparatus.
91205. Sperry Rand Corporation. Lumped constant delay line.
91206. Rhone-Poulenc S. A. Improvements in or relating to caulked joints.
91207. T. C. Munirathnam. A new automobile engine.
91208. Pittsburgh Plate Glass Company. Glass articles having surface compressive stress.
91209. The Dow Chemical Company. Expandable thermoplastic polymer particles containing volatile fluid foaming agent and method of making the same.
91210. Mahle Komm.-Ges. Method for the production of forged light metal pistons.
91211. Veb Leuna-Werke "Walter Ulbricht". Process for preparation of 2-ethyl-isoniacin-thioamide from 2-ethylpyridine.
91212. Sibirsky Gosudarstvenny Proektno-konstruktorsky Experimentalny Institute Mashinostroeniya. Rock drill.
91213. Sandoz Ltd., Improvements in or relating to organic compounds. (10th December 1962).
91214. Ciba Limited. New Nitro dyestuff pigments and process for their manufacture.
91215. Tecalemit Limited. Lubricant injector. [Addition to No. 82952]. [Divisional date 25th June 1962].
91216. Acrow (Engineers) Limited. Improvements in and relating to shuttering. (10th December 1962).
91217. Merck & Co., Inc., Chemical processes and products.

91218. Merck & Co., Inc., Chemical processes and products.
91219. Birfield Engineering Limited. Improvements in or relating to universal joints. (13th December 1962).
91220. The British Petroleum Company Limited. Process for the removal, wholly or in part, of straight chain hydrocarbons from hydrocarbon mixtures. (31st December 1962).
91221. S. G. Brown Limited. Improvements in or relating to electro-acoustic transducers. (7th February 1963).
91222. Sandoz Ltd. Dyeing process.
91223. L. & C. Steinmuller G.M.B.H. Filter for water purifiers.
91224. Ministerul Industriei Petrolului Si Chimiei. Method for selective conversion of naphtha boiling range hydrocarbons.
- 10th December 1963
91225. Zimba Etablissement Fur Patentverwertung. Apparatus for killing insects which are able to fly.
91226. Dr. Mahindra. Current controlling geyser (water heater).
91227. Bristol-Banyu Research Institute, Ltd., Chemical process.
91228. Worthington Corporation. Liquid cooled motor arrangement.
91229. Westinghouse Electric Corporation. Improvements in or relating to permanent magnet motor and flux adjusting apparatus for use therein.
91230. Shell Internationale Research Maatschappij N. V. Method for inactivating metal contaminants on cracking catalysts.
91231. Shell Internationale Research Maatschappij N. V. Process for the dehydrogenation of hydrocarbons.
91232. Colgate-Palmolive Company. Dressings.
91233. Southalls (Birmingham) Limited. Catamenial appliances. (13th December 1962).
91234. Indian Oxygen Limited. Improvements relating to pressure reducing valves.
91235. Miles Laboratories, Inc., Process for the production of galactose oxidase.
91236. Texaco Development Corporation. Solvent de-waxing process.
91237. Brown, Boveri & Company Limited. Catalyst electrode insensitive to oxidation for electrochemical processes.
91238. Daiwa Boseki Kabushiki Kaisha. A process of manufacturing regenerated cellulose fiber.
91239. Merck & Co., Inc., Chemical processes and products.
91240. A. Foss and O. Herrefosser. Foot exercising apparatus.
91241. Aaronson Bros. Limited. Improvements in or relating to methods of colouring wood.
91242. Institut Francais Du Petrole, Des Carburants Et Lubrifiants Improved nitrosation process.
91243. Walter Marx & Co., K. G., Process for the chemical oxidation of aluminium powder, magnesium powder and aluminium and magnesium powder alloys.
91244. Lepetit S.p.A., Apparatus and method for molecular weight determination.
91245. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzophenone derivatives.
91246. Applications Scientifiques Techniques, Industrielles Et Commerciales A.S.T.I.C. Sliding bearers for mine galleries. (30th September 1963).
91247. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to glow lamps.
91248. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of manufacturing sintered objects, objects manufactured by said methods and devices for carrying out said methods.
91249. N. V. Philips' Gloeilampenfabrieken. Improvements in semi-conductor devices. (21st December 1962).
91250. Phillips Petroleum Company. Process for production of rubbery polymers.
91251. Chemical Construction Corporation. Urea synthesis process.
91252. General Electric Company. Process.
91253. Maschinenbau Aktiengesellschaft Balcke. Installation of baffle plates in evaporate coolers.
91254. Ceskoslovenska Akademie Ved. Device for stabilization of electric voltage.
91255. Zavody 9 Kvetna, Narodni Podnik. Clutch.
91256. A. Jirounek. Cooling tower.
91257. Metallgesellschaft A. G. Process for production of iron sponge.
- 11th December 1963
91258. J. N. Singh. Improved sliding clasp fastener.
91259. Dynam Engineering Corporation. Improvements in or relating to commutators.
91260. Dynam Engineering Corporation. Improvements in or relating to toy motors.
91261. Dynam Engineering Corporation. Improvements in or relating to toys.
91262. British Insulated Callender's Cables Limited. Improvements in or relating to electrical insulators. (14th December 1962).
91263. Inpower Works (Proprietary) Limited. Inertia fluid torque transmitter.
91264. Chas. Pfizer & Co., Inc., Pharmaceutical composition and process for preparing same.
91265. Nedschroef Octrooi Maatschappij N. V. Machine for making bolts, nuts and the like.
91266. Sperry Rand Corporation. Memory apparatus and method.
91267. Imperial Chemical Industries Limited. Improvements in or relating to joining sheet materials. (18th December 1962).
91268. Universal Oil Products Company. Process for preparing olefinic hydrocarbons.
91269. Phillips Petroleum Company. Process for polymerizing a conjugated diene.
91270. Knorr-Bremse G.m.b.H. Weighing valve for load-dependent compressed-air brakes or rail vehicles.
91271. Merck & Co., Inc., New steroid compounds. [Divisional date 23rd May 1962].
91272. Merck & Co., Inc., New steroid compounds. [Divisional date 23rd May 1962].
91273. Amsted Industries Incorporated. Tread brake arrangement.
91274. Socony Mobil Oil Company, Inc., Selective catalytic conversion over superactive catalysts.
91275. Linke-Hofmann-Busch Waggon-Fahrzeug-Maschinen G.m.b.H. Improvements in or relating to automatic central buffer couplers for railway vehicles.
- 12th December 1963
91276. Geoffrey Manners and Company Limited. Improvements in or relating to cases or protectors for tooth brushes and the like.
91277. Dr. Ing. H. Ziller. Improvements in or relating to seals in ball bearings.
91278. E. Dorrenberg. Improvements in or relating to a method of manufacturing twisted machine tools and to an apparatus therefor.
91279. Sarojini Menon. Improvements in or relating to umbrellas, parasols & the like.

91280. Bhubaneswar Chakraborty. Moving and/or stationary machine parts built out of blankings (stampings).
91281. Bhubaneswar Chakraborty. Combination adjustable floating (self-alignment) thread cutting die.
91282. Babcock & Wilcox Limited. Improvements in or relating to welding. (17th December 1962).
91283. Babcock & Wilcox Limited. Improvements in or relating to welding. (17th December 1962).
91284. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone derivatives. (3rd October 1963).
91285. American Home Products Corporation. Process for preparing 1, 3-dihydro-3-hydroxy-2H-1, 4-benzodiazepin-2-ones.
91286. E. Jordan. Process and apparatus for producing helical locking washers with internal teeth. (29th October 1963).
91287. Union Carbide Corporation. Arc electrode. (13th March 1963).
91288. Sperry Rand Corporation. Shifting register.

13th December 1963

91289. Gulamhusein Ahmedally & Company Private Limited. Improvements in or relating to tubular drafting tables.
91290. Council of Scientific and Industrial Research. Improvements in or relating to an apparatus for the measurement of gel-time of thermosetting resins.
91291. K. Raghavendran. Folding arm-chair.
91292. T. R. Balachandran. An improved type of sofa-cum-bed, easily operated by a single person—the sofa position or bed position being achieved by a single movement of only one piece, with collapsibility for easy packing and transport.
91293. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (14th December 1962).
91294. Glaxo Laboratories Limited. Improvements in or relating to antibiotics. (14th December 1962). [Addition to No. 91293].
91295. Dunlop Rubber Company Limited. Method and apparatus for traversing a tool axially with respect to a cylindrical body.
91296. Dunlop Rubber Company Limited. Inflatable article.
91297. Rohm & Haas Company. Fuel and lubricant compositions.
91298. Argus Chemical Corporation. Organic phosphites and synthetic resin compositions containing the same.
91299. T. W. Hopwood. Improvements in or relating to a method of pulverizing materials and apparatus for particle size reduction of pulverant materials.
91300. The Metal Box Company Limited. Improvements in or relating to sealing containers. (14th December 1962).
91301. National Petroleum Corporation Limited. Apparatus for providing ducts through casing in a well.
91302. S. G. Brown Limited. Improvements in or relating to telephone receivers. (17th May 1963).
91303. Sandoz Ltd. Water-soluble organic condensation products, methods of making them, and a method of dyeing with vat and sulfur dyes. (8th March 1963).
91304. M. A. Nathwani. Improvements in or relating to ball point pens.
91305. Ciba Limited. Trisazo dyestuffs and process for the manufacture.

91306. S. M. Sayeed. A clock modified to indicate dates.
91307. S. M. Sayeed. A clock which will show time in different places of the world.
91308. Mez Brno, narodni podnik. Centrifugal fan rotor having blades of constant thickness, especially for electric rotary machines.
91309. W. O. Jeppener and P. O. Jeppener. Process for making of backstitch seams.
91310. Continental Oil Company. Method of preparing trialkyl-aluminum compounds.
91311. Ladies Electroy Works. Improvements in or relating to a device for use in physical exercise.

#### Alteration of date

81965. The claim to priority date 3rd May 1961 has been disallowed and the application dated as of 26th April 1962, the date of filing in India.
83091. The claim to priority date 19th July 1961 has been disallowed and the application dated as of 4th July 1962, the date of filing in India.
90066. Ante-dated to 7th July 1962 under Section 5 of the Act.

#### Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed Form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

81137. P. S. Patel. Improvement and modification in the manufacture of apparatus for teaching latitude and longitude to the students. Accepted on 9th December 1963.

*Comprising a hollow globe made in two parts of transparent material and inclinably mounted to be rotatable along its axis in a known manner and at the inside of the globe is fitted centrally a ring and within the ring is centrally mounted a disc with division such that disc can lie in any plane relative to the ring and on the disc is mounted a movable pointer.*

81155. Prosanta Kumar Roy. Improvements in or relating to openers or cutters for tins, cans and like containers. Accepted on 11th December 1963.

*Characterized in that the cutter portion is adapted to be folded back on the base plate.*

81157. J. E. Das. A transparent self-filler fountain-pen. Accepted on 12th December 1963.

*Entire or part of the barrel is transparent, said barrel serves as filler to be filled with the aid of a self-contained ink-filling device.*

81218. G. Bauknecht G.m.b.H. Containers for frozen products. Accepted on 7th December 1963.

*Characterised in that the inner space of the container is divided into compartments by evaporator plates or coils spaced one above the other and in that each of these compartments is provided with a box like container.*

81273. G. T. Shah and A. K. Setna. Means for preventing reverse flow of gases in the exhaust system of internal combustion engines. Accepted on 12th December 1963.
- Exhaust manifold or pipe terminating into an expansion chamber having a deflecting surface therein, said expansion chamber also communicating with side manifolds open to atmosphere at both ends or having pipes open to the atmosphere at both ends.*
81274. G. T. Shah and A. K. Setna. Improvements in or relating to hydraulic brake systems. Accepted on 12th December 1963.
- Barrel having chambers of at least two different diameters at its ends, a spring loaded piston working within the barrel and having at least two different diameter portions and provided with passage in it for accommodating valve assembly.*
81300. Imperial Chemical Industries Limited. Processes for the manufacture of phthalocyanine dyestuffs and dyeing compositions containing such dyestuffs. Accepted on 7th December 1963.
- Treating phthalocyanine dyestuff with heterocyclic tertiary amine of formula.*
81301. Imperial Chemical Industries Limited. New colouring process for cellular textile materials. Accepted on 7th December 1963.
- Treating with acid binding agent and dyestuff containing at least one group of formula  $-(CH_2)_{n-1}-X-A-N+V^1V^2V^3$ ; a being alkylene  $Xa-Co$ ,  $-SO_2$ ,  $-NHCO$ , and  $V^1V^2V^3$  form heterocyclic ring with N atom corresponding numbers of sulphonic and/or carboxylic groups.*
81385. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for fixing pigments on fibrous materials and foils, pigment fixing compositions therefor and fibrous materials and foils so dyed or printed. [Addition to No. 75616]. Accepted on 12th December 1963.
- Wherein there is applied to the textile material an aqueous printing paste or padding liquor which contains a pigment, a binding agent, a cross-linking agent and heating them in the presence of alkali or a compound which is transformed into an alkali at a temperature of above 90°C.*
81399. F. E. Prior. Improvements in liquid dispensing apparatus. (30th March 1961). Accepted on 9th December 1963.
- Comprising a container for the liquid to be dispensed, inlet and outlet valves for the liquid entering and leaving the container and means for directing the liquid to the internal surface of the container.*
81487. C. S. Rao. Extraction of oil from aromatic plants. Accepted on 11th December 1963.
- Air from a compressor is forced in a closed chamber containing the plants and passed either through water or silica gel and subsequently recovering the absorbed oil by leaching the plant dry.*
81594. Metallgesellschaft Aktiengesellschaft. Pallet for sintering machines. Accepted on 10th December 1963.
- Side plates which are detachably connected to the side parts are rigidly connected with supporting beams situated far below the upper edge of the grate-bar carriers.*
81830. Halcon International, Inc., formerly known as Scientific Design Company, Inc., Process for dimerizing propylene in the presence of triethyl aluminium catalyst. Accepted on 9th December 1963.
- Using heated propylene fraction to strip propylene polymer from the catalyst.*
81907. N. V. Paranjape. Room cooler or air humidifier. Accepted on 12th December 1963.
- Characterized by that a rotatable brush is mounted in close relationship to the screen.*
81965. Borg-Warner Corporation. Air conditioning systems. Accepted on 10th December 1963.
- Constant pressure expansion valve means being provided in the hot liquid line for reducing the pressure of hot refrigerant en route to the evaporator and for maintaining pressure constant.*
82100. Shell Internationale Research Maatschappij N. V. Process for the separation of a liquid mixture by extractive distillation. Accepted on 11th December 1963.
- The recovery of more readily absorbed components from the raffinate phase is effected by washing this phase in the liquid state, preferably countercurrent by means of a washing medium selective for such components.*
82159. Fairchild Camera & Instrument Corporation. Semiconductor circuit complex and method of making same. (24th November 1961). Accepted on 7th December 1963.
- Formed as a wafer with a plurality of semiconducting zones there through separated by a barrier grid of semiconducting material of opposite polarity.*
82479. Minimax, Limited. Improvements in and relating to liquid pumping systems. Accepted on 11th December 1963.
- Incorporating a piston within a cylinder, one end of which being open to atmosphere and the other end being connected to the pump intake pipe, the piston being coupled to a device, e.g. a valve for throttling the intake to the pump.*
82556. Union Tank Car Company. Improvements in or relating to storage tanks. Accepted on 2nd December 1963.
- Wherein gas pressure in sealing hose is varied between a higher value at higher temperature and a lower value at lower temperature.*
82579. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Purifying crystalline olefin polymers. Accepted on 11th December 1963.
- Olefin polymer is treated with up to 20% by weight with respect to the polymer of a mono- or polyhydroxy alcohol having 1 to 10 carbon atoms at a temperature between 60° and 130°C.*
82662. Joseph Lucas (Industries) Limited. Spark ignition systems for internal combustion engines. (13th June 1961). Accepted on 7th December 1963.
- Including a switchable rectifier for controlling current flow through the windings and means operable in use to successively switch the switchable rectifier on and off by applying positive and negative pulses to its gate.*
82672. Montecatini Societa Generale Per L'Industria Mineraria E Chimica. Process for improving the dyeing properties of fibres. Accepted on 11th December 1963.
- Comprises subjecting the fibres to the action of a dichlorohydrin and an alkaline reagent capable of transforming said dichlorohydrin into the corresponding diepoxide.*
82673. Ciba Limited. New vat dyestuffs, process for their manufacture and dyeing or printing textile materials therewith. Accepted on 10th December 1963.
- Amidating with aliphatic amine containing sulfuric acid ester group, vat dyestuff carboxylic acid halide free from sulfone and sulfonamide groups.*

82675. Ledoga S.p.A. Ternary styrene, acrylonitrile and dimethyl fumarate co-polymers and objects manufactured from such co-polymers. Accepted on 10th December 1963.  
*By heating a mixture of styrene (30 to 90%), acrylonitrile (5 to 30%) and dimethyl fumarate (5 to 70%) at a temperature 40-120°C.*
82678. R. E. Prat. Automatic thread joiner for continuous spinning machines. (14th June 1961). Accepted on 11th December 1963.  
*Comprises a carriage including a detector, thread-joining mechanism, a broken end extractor, extractor raising means and thread gripping means.*
82694. Canada Iron Foundries, Limited. Improvements in or relating to a light beam receiver in a system for railroad surveying. (21st August 1961). Accepted on 11th December 1963.  
*Comprises a parabolic reflector oriented to receive the transmitted light beam, a photo-electric cell located at the focal point of the reflector, masking means for reflector.*
82697. Hovercraft Development Limited. Improvements in or relating to fluid curtain forming means and vehicles for travelling over a surface, provided therewith. (13th June 1961). Accepted on 10th December 1963.  
*Inlet duct connected at one end to the inlet of the energising means, the duct including a curved portion and a further duct connected to the radially outer side of said curved portion.*
82704. Phillips Petroleum Company. Disproportionation of acyclic olefin hydrocarbons. Accepted on 12th December 1963.  
*Contacting hydrocarbon with a catalyst comprising oxides of molybdenum and aluminium.*
82705. E. I. du Pont de Nemours and Company. Blasting agent comprising a uniform blend of solid ammonium nitrate. Accepted on 9th December 1963.  
*Consisting of a blend of solid ammonium nitrate, a non-explosive combustible fuel from the group consisting of carbonaceous fuels, powdered metals and alloys and a saturated aqueous solution of ammonium nitrate.*
82724. J. R. Geigy A.-G. Process for the production of light stable polyaddition compounds. Accepted on 12th December 1963.  
*Characterized by copolymerizing 2-(2'-hydroxyphenyl)-benzotriazole compounds with ethylenically copolymerizable compounds.*
82725. J. R. Geigy A.-G. Process for the production of light stable, high molecular polyesters and polyamides. Accepted on 12th December 1963.  
*Characterised by reacting a (2-2'-hydroxy phenyl) benzotriazole with polycondensable monomers.*
82729. Lansing Bagnall Limited. Improvements in or relating to mast systems for telescopic masted industrial lift trucks. (14th June 1961). Accepted on 13th December 1963.  
*Comprises a main jack connecting bottom and intermediate section of triple section mast, chain extending from top section to lower section over a pulley in intermediate section and another chain extending from carriage over a pulley at the top section and under a pulley operated by subordinate jack and to anchorage in intermediate section.*
82740. Maschinenfabrik Rieter A. G. Improvements relating to the connecting of fibrous ribbons issuing from carding machines. (2nd February 1962). Accepted on 11th December 1963.  
*The portions of delivered web are withdrawn at relative unequal speed, the first portion withdrawn slowly being overtaken by the new web after restarting the fibre feeding and web delivery means.*
82765. S. Nakai. Process for recovering sulphuric acid from waste acid bath in viscose process. Accepted on 12th December 1963.  
*Adding anhydrous  $\text{Na}_2\text{SO}_4$  obtained from hydrous  $\text{Na}_2\text{SO}_4$  from the waste acid solution to a supersaturated solution of  $\text{Na}_2\text{SO}_4$  obtained from concentrated waste acid solution allowing crystals to grow and recovering them and concentrated  $\text{H}_2\text{SO}_4$ .*
82799. Standard Telephones and Cables Limited. Selection system for circuits or electrical equipment. Accepted on 13th December 1963.  
*Automatic telecommunication exchange comprises selection stages, junctions, registers and test means in said register.*
82812. Montecatini Società Generale Per L'Industria Mineraria E Chimica. Process for the preparation of nickel carbonyl from nickel chloride and carbon monoxide. Accepted on 13th December 1963.  
*Reacting nickel chloride and carbon monoxide in aqueous and/or alcoholic medium in the presence of subdivided iron.*
82815. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for preparing an olefinic hydrocarbon. Accepted on 10th December 1963.  
*Contacting hydrocarbon with a member of the group consisting of alkali metal and its hydride in extended surface form at a temperature in the range at 120° to 225°C.*
82816. Halcon International, Inc., formerly known as Scientific Design Company, Inc. Process for preparing propylene dimers. Accepted on 10th December 1963.  
*Contacting propylene containing material with a member of the group consisting of alkali metal and its hydride in highly extended surface form at a temperature in the range of 110° to 225°C and a pressure greater than 100 atms.*
82818. United States Steel Corporation. Method of making tin plate. Accepted on 12th December 1963.  
*Introducing pickled strip to an alkaline tin plating solution, then electroplating the strip to deposit on its surface [a first tin coating, the electroplating the strip from an acidic tin] plating solution to deposit another tin coating over the first, rinsing the strip in dilution and then drying and then heating the strip to form an iron-tin alloy containing .02 to 0.10 pounds of tin per base box.*
82850. Aerpat A. G. Improvements in or relating to blind reventing by means of self-plugging mandrels. (19th June 1961). Accepted on 12th December 1963.  
*Comprises a rivet with annular head and tubular shank threaded upon a self plugging mandrel with bulbous head and stem of with a neck wherein when mandrel head is pulled into rivet, rivet material is forced into neck to lock the mandrel in the rivet.*
82851. Sperry Rand Corporation. Information memory system comprising thin magnetic films. Accepted on 9th December 1963.  
*Further characterized by means for sensing the magnetic condition of films relative to switching threshold.*
82892. Allied Chemical Corporation. Improvements in vat dye compositions. Accepted on 9th December 1963.  
*Containing a vat dye in aqueous medium and a water-soluble 1:1:4:4-tetraalkyl-butylene-1, 4-diol.*
82894. Revertex Limited. Improvements in or relating to compositions for sizing textile yarns. (26th June 1961). Accepted on 9th December 1963.  
*Contains ethylene urea in an amount of from 1 to 15% by weight of the non volatile materials present in the sizing composition before the addition of any lubricant thereto.*

82908. Sperry Rand Corporation. East multiply system. Accepted on 9th December 1963.  
*Provided with a binary device for performing the multiplication of a multi-digit multiplicand by an N digit multiplier in N/2 iterative cycles, wherein a register means is responsive to a multiplier digit sensing means for producing output signals representing zero, one, or two times the multiplicand or the complement of the multiplicand.*
82909. Sperry Rand Corporation. Digital communication system. Accepted on 12th December 1963.  
*Characterized in that means for selectively gating certain of the signals from the data handling device to predetermined stages of the register means for forming an index word indicator means responsive to the receipt of the gates signals by the register means for extracting the index words from the storage means and means responsive to the index words are provided for energising the location in the storage means as specified by index word.*
82913. Sperry Rand Corporation. Addressing system. Accepted on 12th December 1963.  
*Characterized in that control circuitry is coupled to a multiple address storage means wherein information relating to at least two addresses can be stored to select one of addresses and to selectively terminate selection process and that analyzing means is coupled between a keyword storage means adapted to store a keyword having a plurality of digits.*
82926. H. Holloway. Improvements in or relating to sewing machines. Accepted on 11th December 1963.  
*Characterized by cylindrical cam body having a cam groove consist of plastic material and has a groove-follower biased by a spring, a sewing arm in hollow frame and a slide-guide for a guide follower.*
82940. Dunlop Rubber Company Limited. Skid control device. (30th June 1961). Accepted on 12th December 1963.  
*Wherein the strength of electrical signal operating solenoid means is proportional to the skid which solenoid means controls the fluid controls means actuating the brake applying means.*
82985. V. R. Bhide. Means for creating vacuum between the shells in a vacuum flask. Accepted on 12th December 1963.  
*Wherein the constriction tube is formed in and is protected within a depression.*
83012. International Business Machines Corporation. Data handling system with a periodic synchronization. Accepted on 12th December 1963.  
*In which means is provided to delay data transfer between the devices responsive to the detection of a predetermined displacement between the operation cycles of the devices.*
83016. The Goodyear Tire & Rubber Company. Improvements in or relating to repaired tires. Accepted on 12th December 1963.  
*In which the wall of the opening is lined with rubber and the inner portion of the stock within said wall contains short lengths of filamentary material.*
83017. The Goodyear Tire & Rubber Company. Improvements in camelback for use in tires. Accepted on 12th December 1963.  
*Including in the central portion of its bottom a rubber ply containing oriented short lengths of filamentary material.*
83024. Metal Containers (Installations) Limited. Container having a non-metal body. Accepted on 12th December 1963.  
*Wherein the flat based bearing member is secured to the non-metal body by means of a fastening strip covering the base and secured to the body.*
83082. Shell Internationale Research Maatschappij N. V. An improved process for the preparation of mixtures of epoxy alkyl esters of saturated aliphatic monocarboxylic acids in which the carboxyl groups are attached to tertiary and/or quaternary carbon atoms. [Addition to No. 71831]. Accepted on 7th December 1963.  
*Adding salt mixtures which are liquid and have a water content of at least 5% by weight to epoxy halogen alkanes boiling under reflux.*
83091. Societe D'Electro-Chimie D'Electro-Metallurgie Et Des Acieries Electriques D'Ugine. Process for the preparation of pelleted catalytic compositions. Accepted on 11th December 1963.  
*The pellets resulting from the agglomeration are crushed and the powder reagglomerated under pressure at least once before use as a catalyst.*
83093. Caterpillar Tractor Co., A tractor mounted loader. Accepted on 9th December 1963.  
*Means to cushion bouncing action of the bucket when it is elevated comprises an accumulator in the hydraulic circuit in communication with the ends of the jacks.*
83119. Shell Internationale Research Maatschappij N. V. Process for the preparation of moulding compositions containing polymerized vinyl-aromatic compound and polybutadiene, and the compositions so produced. Accepted on 7th December 1963.  
*Blending 80-98 parts by weight of polymerised vinyl-aromatic compound with 2-20 parts by weight polybutadiene having 1-15% of 1, 2 units or dissolving latter in former and heating the resulting solution.*
83165. V. D. Roosa. Fuel injection nozzle. Accepted on 10th December 1963.  
*A nozzle body having an outwardly opening bore forming a valve chamber a guide means supporting the plunger for reciprocation longitudinally of the said chamber comprising a guide member within the bore.*
83167. Dunlop Rubber Company Limited. Improvements in apparatus for turning the ends of plies radially inwardly during the manufacture of pneumatic tyres. Accepted on 11th December 1963.  
*Inflatable member comprises a reinforcement which renders the inflatable member substantially inextensible in a direction substantially normal to the circumferential direction of said member.*
83169. Joseph Lucas (Industries) Limited. Spark ignition apparatus for internal combustion engines. (12th July 1961). Accepted on 7th December 1963.  
*Comprising in combination a generator, a trigger circuit, a control circuit driven by a trigger circuit for producing a spark, and a reversing switch.*
83186. Hooker Chemical Corporation. Phosphorus polymers. (20th November 1961). Accepted on 10th December 1963.  
*Polymerising a tetrakis ( $\alpha$ -hydroxyorgano) phosphonium halide by heating at 150-200°C while passing a gas inert to the reaction mass.*
83190. Continental Oil Company. Process for the preparation of aluminum alkyls. Accepted on 12th December 1963.  
*Subjecting an aluminum alkyl growth product to continuous distillation and recovering from said distillation aluminum alkyl fractions containing a non-statistical distribution of alkyl groups.*
83195. Dorr-Oliver Incorporated. Disposal of waste sludges. Accepted on 9th December 1963.  
*Rate of supply of waste sludge introduced into a fluidized bed reactor and combustion air supply are co-ordinated for complete thermal oxidation of organic solid in the sludge.*

83214. SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Improvements in or relating to spinning and doubling machines. Accepted on 9th December 1963.

*The attachment has a thread guide with a helical recess opening to the upper end of the guide and running to a point remote from the upper end, where thread emerges.*

83267. Shell Internationale Research Maatschappij N. V. Process for the polymerization of conjugated dienes. Accepted on 9th December 1963.

*Characterized in that one or more tin compounds is also incorporated.*

83327. V. R. Bhide. Improvements in or relating to vacuum flasks. Accepted on 12th December 1963.

*Characterized by that at the base of the outer container is screwed in a disc with a supporting ring integrally formed therewith.*

83434. The Cotton Silk and Man-Made Fibres Research Association. Thread piecing device. (29th July 1961). Accepted on 9th December 1963.

*Comprising a detector sensitive to breakage of the material between the device and the front rollers, the detector being adapted on such breakage to cause yarn gripping mechanism to operate.*

83435. Aluminium Laboratories Limited. Method and apparatus for carrying out the sub-halide distillation process for the recovery of aluminium. Accepted on 13th December 1963.

*Protecting surfaces of graphite electrodes by establishing a film or gaseous aluminium tri-halide over said surface.*

83532. A. G. E. Robiette and Fulmer Research Institute Limited. Process of forming a granular ceramic material into a rigid mass. Accepted on 13th December 1963.

*Comprises mixing the granular ceramic material with aluminum powder and/or magnesium powder and/or calcium powder and an oxidizing chromium compound, compacting the mixture into a desired shape and heating it to a temperature at which the metal reacts with the chromium compound causing the mixture to consolidate.*

84085. The Standard Oil Company. Improvements in and relating to a process for the preparation of cyanamide. Accepted on 10th December 1963.

*By reacting cyanogen halide with ammonia in solution in an inert solvent for cyanogen halide and cyanamide in which ammonium halide is soluble in an amount not in excess of about 5 grams per litre.*

84370. Pechiney-Compagnie de Produits Chimiques et Electrometallurgiques. Control apparatus for use with a continuous soderberg anode. Accepted on 12th December 1963.

*Comprises a pin gripping device for withdrawing anode pins, a device for actuating the pincer members which maintain mechanical and electrical connections between the pin stems and the current feed bars, the pincer actuating device being movable between operative and inoperative positions.*

84428. Link-Belt Company. Power transmission coupling. Accepted on 9th December 1963.

*Means forming a viscous fluid shear connection between the intermediate member and a first one of the driving and driven members for transmitting driving force between said so connected members.*

84501. British Nylon Spinners Limited. Improvements in or relating to spinnerets. Accepted on 12th December 1963.

*Comprising a spinneret in which the simultaneous extrusion of two different molten polymers is caused to take place through adjacent orifices so angled that the filaments produced meet at a point near to the face of the spinneret.*

84540. Bright Brothers Private Limited. Improvements in or relating to the manufacture of containers and other hollow articles from synthetic thermoplastic materials. Accepted on 11th December 1963.

*Thermoplastic material being sprayed on to the internal wall of the mould by a spraying device and excess of material not adhering to the mould wall being collected below the open end of the mould and returned to the spraying device.*

84585. Ciba Limited. Process for dyeing and printing synthetic fiber material. Accepted on 10th December 1963.

*The material to be dyed or printed is heated with an aqueous dispersion of a monoaroylaminoanthraquinone.*

84738. Stamicarbon N. V. Process for the preparation of methacrolein by catalytic oxidation of isobutene. [Addition to No. 80958]. Accepted on 10th December 1963.

*Isobutene is used as part of a mixture of compounds wholly or mainly composed of hydrocarbons containing four carbon atoms.*

84740. Rohm & Haas Company. Belt conveyor systems. Accepted on 9th December 1963.

*Reversible drive means coupled to swing the bend pulley axis, first sensing means mounted to be operable between two actuated conditions by lateral shifting of the belt on the bend pulley.*

84990. Societe Anonyme Iwan Simonis, S. A. Programmed driving device for heddle frames with a compensating means for circular looms. Accepted on 10th December 1963.

*The rotating equipment carries a driving means for actuating heddle frames and a pre-selecting means a locking means being interposed between said rotating equipment and elements imparting shed movement to heddle frames.*

85005. Associated Electrical Industries Limited. Improvements relating to lubricating systems for plain bearings. (15th December 1961). Accepted on 11th December 1963.

*Forced flow lubricating system normally supplying lubricant under pressure and a stand-by system operating without forced flow and operative upon failure of the forced flow system.*

85081. Westinghouse Electric Corporation. Improvements in or relating to runway lighting unit. Accepted on 12th December 1963.

*Comprising a housing having a trough in the top surface thereof, an elongated lens located in a correspondingly elongated opening at one end of the trough and producing a light beam of the required configuration directed along the trough, means for supporting lens, and elongated light source supported within housing located with its direction of elongation.*

85096. American Cyanamid Company. Improvements in O, O'-(halomethyl) phosphinylidene oximes and process for preparing the same. Accepted on 7th December 1963.

*Reacting an oxime and a phosphonic dihalide.*

85323. Atlas Copco Aktiebolag. Improvements in method and apparatus for drying air. Accepted on 10th December 1963.

*The stop intervals of an automatic compressor having a water separator are used for drying the moisture adsorption bed by a restricted low pressure return flow of dry air from dry air receptacle.*



85378. Preparation Industrielle Des Combustibles. Improvements in or relating to regulating device for cyclonic heavy medium apparatus. Accepted on 7th December 1963.

*One or more centrifuging elements composed of an external cylinder and an internal cylinder, the bottom of each external cylinder being immersed in a liquid mass contained in a common casing in the shape of a hopper with a diaphragm having a varying orifice cross section at its bottom.*

85506. The International Nickel Company, Inc. High strength welding materials. Accepted on 12th December 1963.

*Depositing by arc welding on ferrous member an iron nickel alloy containing 13%-20% Nickel, about 2-13% Co, about 2 to 10% molybdenum, the summation of cobalt and the molybdenum being at least 6%, up to 2% titanium, <5% C, up to 2% aluminum <1% silicon, <1.5% manganese, balance iron.*

85539. Foster Wheeler Limited. Improvements in and relating to water-tube steam generators. (11th December 1961). Accepted on 13th December 1963.

*The heating fluid being circulated through an upright cylindrical shell, the shell containing a coaxial downcomer and risers connected at their lower ends to the downcomer and communicating with a strain and water drum at the upper end of the downcomer.*

85563. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Polyolefinic alcohols and process for the manufacture thereof. Accepted on 7th December 1963.

*Halogenating an alcohol of the formula  $R_3-Z-OH$*   

$$CH_2-CH_2-C=CH-CH_2-CH_2-C-CH=CH_2$$

$$\begin{array}{c} CH_3 \qquad \qquad CH_3 \\ | \qquad \qquad \qquad | \\ R_1 \qquad R_2 \qquad R_1 \qquad R_4 \end{array}$$

*esterifying the product and hydrolyzing the ester ( $R_3=Me$  or with  $R_1$  a pentamethylene radical;  $Z=-CH-CH-$  or  $-C=C-$  wherein  $R_1=alkyl$  (1-4C.) or phenyl,  $R_2=H$  or Me, and  $R_4=H$  or Me provided that in the case of  $-C=C-$ ,  $R_1$  and  $R_4$  together provide 2 C atoms).*

85693. The Standard Oil Company. Purification of unsaturated nitriles. (4th December 1962). Accepted on 11th December 1963.

*Adding 0.001-0.1 lb. of oxalic acid per 100 lbs. of nitrile before distillation.*

85878. The Dow Chemical Company. Process for the production of alumina. Accepted on 7th December 1963.

*Comprises digesting a slurry of bauxite or aluminiferous ores with strong alkali at elevated temperatures and clarifying the resultant suspension of finely divided solid impurities in presence of a sedimentation aid, characterized in that the clarification is assisted by adding a water-soluble native dextran.*

85933. Westinghouse Electric Corporation. Improvements in or relating to circuit interrupters. Accepted on 7th December 1963.

*Includes coil means connected across spark-gap device, said coil means being rapidly vapourizable, and has coil retaining means of insulating material capable of evolving sufficient gas to produce predetermined pressure when subjected to the heat of vapourization of said coil means.*

85964. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to methods of manufacturing soft-magnetic manganese-zinc-ferrous-ferrite sintered bodies and sintered bodies manufactured by these methods. Accepted on 9th December 1963.

*Soft-magnetic manganese-zinc-ferrous-ferrite sintered body being manufactured by sintering in an atmosphere of oxygen which is at least 99% by volume, temperature being 1375°C-1450°C and then reducing to 1270°C to 1290°C, oxygen of the gas also is reduced to .1 to .3% by volume, after which the temperature of gas atmosphere is maintained at a value between 1270°C and 1290°C before further cooling.*

85992. Metallurgical Processes Limited and the National Smelting Company Limited. Improvements in the charging system of blast furnaces. (29th January 1962). Accepted on 7th December 1963.

*Comprising a suction outlet leading out of a annular enclosed space lying around and above the opening of the hopper to be closed by the bell and communicating with any gap formed between hopper and upper surface of bell.*

86033. Automatic Telephone & Electric Company Limited. Improvements in or relating to electromagnetic relays. (23rd January 1962). Accepted on 11th December 1963.

*Includes a two-pole electromagnet and at least one reed contact unit having a pair of blade-like contact springs of low retentivity magnetic material wherein a permanent magnet is located with its poles one on each side (lengthwise) of and adjacent to the overlap of the contact springs.*

86290. R. P. Heuer. Improvements relating to refractory materials. Accepted on 7th December 1963.

*Comprising a mixture of calcined magnesite, nitre cake 0.5%—2.5% by weight, and boric acid 0.25%—2.0% by weight, the mixture containing 88% MgO on a calcined basis.*

86390. Graviner Manufacturing Company Limited, and Wilkinson Sward Limited. Improvements in or relating to explosive charges. Accepted on 10th December 1963.

*Comprising a hollow metal body closed at one end, a ceramic insulator mounted in the body and having its outer periphery hermetically sealed to the inner wall of the body, the insulator having a portion of reduced size located adjacent the closed end of the metal body.*

90066. Ingersoll-Rand Company. Improvements in or relating to an apparatus for driving tool by fluid impulses. [Divisional date 7th June 1962]. Accepted on 7th December 1963.

*Comprises a casing, a housing in the casing and containing a fluid and spindle means where spindle during a part of each revolution dynamically seals off a portion of fluid so that resulting increase in pressure cause pulse of fluid to flow to the tool.*

#### Opposition Proceedings

(1)

An opposition has been entered by General Electric Company to the grant of a patent on application No. 82711 made by Dr. Beck & Co., G.m.b.H.,

(2)

The application for Patent No. 77601 made by W. R. Schmitz in respect of which an opposition was entered by Ing. A. Mourer, S. A. as notified in Part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

(3)

The application for Patent No. 77601 made by W. R. Schmitz in respect of which an opposition was entered by Juggilal Kamlatpat Cotton Spinning & Weaving Mills Co. Ltd., as notified in Part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.



## (4)

The application for Patent No. 77601 made by W. R. Schmitz in respect of which an opposition was entered by The Gwalior Rayon Silk Mfg. (Wvg.) Co. Ltd., as notified in Part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

## (5)

The application for Patent No. 77601 made by W. R. Schmitz in respect of which an opposition was entered by The National Rayon Corporation Ltd. as notified in Part III Section 2 of the Gazette of India dated 12th October 1963 has been treated as abandoned.

## (6)

The application for Patent No. 77601 made by W. R. Schmitz in respect of which an opposition was entered by Travancore Rayons Limited as notified in Part III section 2 of the Gazette of India, dated 12th October 1963 has been treated as abandoned.

**Printed Specification Published**

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

75731. 75765. 75832. 75899. 75907. 76050. 76080.  
76192. 76319. 76335. 76365. 76400. 76402. 76656.  
76703. 76831. 76880. 76936. 76998. 77195. 77196.  
77218. 77233. 77235. 77243. 77246. 77247. 77277.  
77278. 77310. 77311. 77400. 77401. 77429. 77433.  
77493. 77565. 77576. 77596. 77623. 77645. 77664.  
77665. 77666. 77685. 77699. 77738. 77830. 77835.  
77940. 77954. 77982. 78022. 78040. 78072. 78089.  
78090. 78091. 78092. 78183. 78186. 78191. 78201.  
78228. 78277. 78281. 78289. 78295. 78298. 78311.  
78363. 78364. 78396. 78481. 78552. 78568. 78575.  
78577. 78607. 78646. 78654. 78679. 78754. 78939.  
79169. 79486. 79588. 79608. 79633. 79860. 79893.  
79924. 79976. 80560. 80574. 80926. 81013. 84552.  
84632. 84633. 84634.

**Amendment Proceedings**

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Symington Wayne Corporation, a corporation organised under the laws of the State of Maryland United States of America, of Salisbury, State of Maryland, United States of America seek leave to amend the claims in the specification in respect of Patent application No. 76687. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

**Renewal Fees Paid**

40751. 42388. 42389. 42426. 42471. 42670. 42828.  
42833. 44309. 44310. 44337. 44339. 44340. 44409.  
44474. 44507. 46382. 46521. 46563. 46663. 47438.  
48045. 48616. 48622. 48630. 48692. 48712. 48806.  
48813. 48832. 48855. 48867. 48931. 48932. 49074.  
50858. 50967. 50977. 50989. 51118. 51598. 51599.  
51600. 52004. 52929. 53351. 53381. 53427. 53438.  
53466. 53486. 53556. 53599. 53641. 53645. 53663.  
53665. 53670. 53688. 53803. 53871. 54002. 54064.  
54121. 56228. 56339. 56395. 56427. 56504. 56558.  
56591. 56626. 56674. 56826. 56945. 57015. 57795.  
58901. 59097. 59138. 59139. 59140. 59141. 59142.  
59143. 59144. 59145. 59146. 59147. 59148. 59170.  
59251. 59284. 59285. 59292. 59302. 59366. 59381.  
59389. 59452. 59476. 59504. 59577. 59724. 59796.  
59799. 59892. 59893. 59894. 60095. 61450. 62512.  
62550. 62565. 62620. 62681. 62684. 62696. 62717.  
62744. 62770. 62837. 62843. 62883. 62897. 62952.

62953. 62967. 63000. 63001. 63044. 63056. 63076.  
63202. 63232. 63236. 63268. 63355. 63400. 63557.  
63673. 63802. 63807. 63808. 63810. 63959. 64582.  
64926. 65853. 66080. 66081. 66109. 66132. 66143.  
66160. 66259. 66311. 66316. 66317. 66318. 66326.  
66345. 66346. 66353. 66379. 66407. 66436. 66444.  
66485. 66504. 66505. 66600. 66612. 66647. 66769.  
66770. 66771. 66975. 67391. 67404. 67582. 67589.  
67964. 68390. 68970. 69613. 69997. 70135. 70136.  
70137. 70138. 70139. 70169. 70182. 70192. 70206.  
70266. 70277. 70312. 70328. 70339. 70383. 70451.  
70452. 70455. 70502. 70514. 70531. 70549. 70567.  
70720. 70741. 70787. 70830. 70998. 71007. 71034.  
71046. 71246. 71254. 71315. 71576. 71658. 73085.  
73086. 74343. 74627. 74666. 74753. 74781. 74798.  
74832. 74844. 74870. 74886. 74894. 74942. 75031.  
75520. 76579. 78670.

**Cessation of Patents**

41595. 45741. 50168. 50169. 52661. 55303. 55335.  
58278. 58283. 61558. 61560. 61581. 61595. 61625.  
61629. 65084. 65098. 65120. 68871. 68875. 68878.  
68879. 68885. 68886. 68900. 68913. 68915. 68923.  
68924. 68933. 68946.

**Registration of Designs**

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The dates shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 118282. Mrs. Pramila Ramesh Dalal, Indian sole proprietress, 304, Pushpa Kunja, A Road, Churchgate, Bombay, Maharashtra, "Telephone amplifier" May 31, 1963.

Class 1. Nos. 118288 and 118289. Yag. Dutt Tandon, 8/3, Pran Nath Pandit Street, Calcutta-25, (West Bengal), India, an Indian, "Leg of optical frames", May 31, 1963.

Class 1. No. 119422. Bhag Singh and Autar Singh, Indian Nationals, 69, Najafgarh Road, New Delhi-15, "Lipstick container", September 7, 1963.

Class 1. No. 119601. Path Darshak Industries Private Limited, a Private Joint Stock Company registered under the Indian Companies Act, Roshan Ara Road, Subzi Mandi, Delhi-6, "Drawing end of self starter", September 17, 1963.

Class 1. No. 119644. Pravinchandra Chhaganlal Mehta, Hindu, Indian, 71 Canning Street, Room No. A-106, 1st floor, Calcutta-1, West Bengal, India, "Liquid filtering and water softening apparatus", September 23, 1963.

Class 1. No. 119652. Jagjit Singh, 33-Arakashan Road, Ram Nagar, New Delhi-1, (India), Indian, "An electric switch", September 23, 1963.

Class 1. Nos. 119656 to 119658. Poly-profile Corporation, an Indian partnership firm, 94, Medows Street, Fort, Bombay-1, Maharashtra, India, "Constructional elements", September 25, 1963.

Class 1. No. 119806. Gourdas Shome, Indian National, P-103, Princep St., Calcutta-13, West Bengal, India, "Electric heaters", October 8, 1963.

Class 3. No. 118833. Wood Craft Industries, Indian Firm, Mohamedali Road, Mahagiri, Thana (Maharashtra), "Toys", July 25, 1963.

Class 3. No. 119419. Darius Jehangir Lawyer, An Indian Citizen, 16, Horniman Circle, Fort, Bombay-1, Maharashtra, India, "A container for lipstick", September 7, 1963.

- Class 3. No. 119602. Radhakrishna Shrinivas Shanbhag, An Indian Citizen, 4/94, Nityanada Nagar IV, Andheri-East, Bombay-62, Maharashtra, India, "Storage battery", September 17, 1963.
- Class 4. No. 1190500. Simla Chemicals Private Limited, (A Company incorporated under the Indian Companies Act), Rehman Street, Chandni Chowk, Delhi-6, (India), "Bottle", September 12, 1963.
- Class 5. Nos. 118174 and 118175. Delhi Oil & Flour Mills, 9992/1, New Rohtak Road, New Delhi, Indian Partnership Firm, "Label", May 22, 1963.
- Class 5. No. 118363. Ganga Ram Chaurasia, Mohalla Chawar Takia, P.O. Sasaram, District Arrah (Shahabad), Eastern Railway, (Behar) Indian Subject, "Wrapper", June 11, 1963.
- Class 5. No. 119401. Jai Shree Hosiery Factory (An Indian partnership concern), 240-Post Office Street, Sadar Bazar Delhi-6, "Wrapper", September 5, 1963.
- Class 5. No. 119603. Mohammed Iqbal Ahmed, an Indian Citizen, 58, Taltala Lane, Calcutta-16, West Bengal, "Carton", September 18, 1963.
- Class 13. Nos. 119920 to 119922. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6 Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", October 22, 1963.
- Class 13. Nos. 119948 to 119952. The Phoenix Mills Limited, an Indian Company, Tulsi Pipe Line Road, Lower Parel, Bombay, Maharashtra State, "Textile goods", October 29, 1963.
- Class 13. No. 119964. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay 1, "Cotton textiles", October 29, 1963.
- Class 13. Nos. 119965 to 119970. Shree Ram Mills Ltd., Fergusson Road, Bombay-13, a Company incorporated under the Laws of India, "Textile goods", October 29, 1963.

A. JOGARAO

*Controller General of Patents,  
Designs and Trade Marks*